

Evaluation and development plan (Undergrad & MS)

Student name:

Date:

Everyone in the group will email this evaluation and development plan to Mengen every 6 months (before June 30th or December 20th) and have a brief discussion with Mengen during one of the weekly meetings in June/December. If your stay in the group is shorter than 6 months, please email it to Mengen before you leave the group.

Section I: Student self-evaluation

Research:

1. Let's celebrate your accomplishments in the past 6 months, e.g. completed DFT theory & computational methods training, started to collect computational data, learned how to post-process and analyze the computational data, read how many papers, gave a presentation, and wrote a manuscript!
2. Looking at your previous evaluations, in what areas did you meet your own expectations and in what areas will you continue to make improvements, e.g. running/debugging the calculations, problem-solving skills, writing skills, presentation skills, paper-reading/summary skills?
3. How do you feel on a day-to-day basis? For example, how many hours can you contribute to research each week? Do you feel comfortable or stressful about making progress every two weeks? Is the office environment good, e.g. if you have a question, is everyone in the group willing (and available) to communicate with you? If you are not comfortable in any aspect, do you have plans for yourself or suggestions for the group to improve?
4. List an important and feasible research goal you would like to accomplish in the next 6 months

Career development:

5. What are your long-term career goals beyond your time with this research team, e.g. graduate school, industry?

6. What have you done for your career development beyond research, e.g. attend career development workshops, internships, summer REU programs, GRE?

Section II: Student reflection on the research group and Mengen. This section is about how Mengen and the group can improve to help you achieve your goals. Please feel free to cover all aspects in Section I.

1. As an advisor, what aspects are Mengen doing well and she should continue?
2. What should Mengen improve on?
3. What aspects are the group members doing well? Please feel free to mention group members who have helped you communicate the research or taught you anything new. Please mention who has helped you with running calculations, understanding / post-processing the data.
4. What should we improve as a group, both in research and culturally? Please feel free to comment on group meeting and other group activities.

Section III: Mengen's suggestions including the achievements of the student and potential growth areas